



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

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In re Patent Application of

WIDDOWSON et al

Atty. Ref.: 36-1535

Serial No. 10/031,231

Group: 2185

Filed: January 17, 2002

Examiner:

For: SIGNAL GENERATOR AND DECODER

\* \* \* \* \*

May 6, 2002

Assistant Commissioner for Patents  
Washington, DC 20231

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Sir:

**INFORMATION DISCLOSURE STATEMENT**

Attention is directed to the attached PCT International Search Report for this application and each reference cited therein. Additional documents are also attached and all are listed on an attached Form PTO-1449.

Official consideration and citation of each such reference is requested.

Respectfully submitted,

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## INFORMATION DISCLOSURE

CITATION

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(Use several sheets if necessary)

ATTY. DOCKET NO.

36-1535

APPLICANT

WIDDOWSON et al

FILING DATE

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## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5675608	10/97	Kim et al			
	5422909	6/95	Love et al			
	5838719	11/98	Moore, III			

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## FOREIGN PATENT DOCUMENTS

DOCUMENT	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO

## OTHER DOCUMENTS (including Author, Title, Date, Pertinent pages, etc.)

	Lotter et al, "A Class of Bandlimited Complex Spreading Sequences with Analytic Properties", 1996 IEEE, pgs. 662-666
	Sarwate et al, "Crosscorrelation Properties of Pseudorandom and Related Sequences", 1980 IEEE, pgs. 593-619
	Sarwate, "Bounds on Crosscorrelation and Autocorrelation of Sequences", 1979 IEEE, pgs. 720-725
	Popovic, "Generalized Chirp-Like Polyphase Sequences with Optimum Correlation Properties", 1992 IEEE, pgs. 1406-1409
	Marx et al, "Theoretical Analysis and Practical Implementation of a Balanced DSSS Transmitter and Receiver Employing Complex Spreading Sequences", pgs. 402-407
	Lotter et al, "DSSS System Employing a Class of Modulatable Complex Spreading Sequences", THE TRANSACTIONS OF THE S.A. INSTITUTE OF ELECTRICAL ENGINEERS, March 1996, pgs. 1-7
	Lotter et al, "A Class of Bandlimited Complex Spreading Sequences with Analytic Properties", 1996 IEEE, pgs. 662-666
	Frank et al, "Polyphase Codes with Good Nonperiodic Correlation Properties", IEEE TRANSACTIONS ON INFORMATION THEORY, 1963, pgs. 43-44
	Chu, "Polyphase Codes with Good Periodic Correlation Properties", pages 531-532, January 1972
	South African patent application No. 06/0355 filed January 1996
*Examiner	Date Considered

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application.

Form PTO-FB-A820 (Also PTO-1449)